BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

							Estimate Cost Rs.		1000000.00

Name of Work: Detailed Estimate for the work of Providing CC Camera at Garbage Block spots in ward no-01.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no143, PWD SR 2018-19)	cum							
	for pole fixing		8	1.50	1.50	1.50	27.00		
							27.00	137.80	3721.00
	Basic Rate	130.00							
	Area Weightage 6%	7.80							
	Grand Total	137.80							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 136 (SR 2018-19)	cum							
	Basic Rate for loading and unloading	57.00	Vide Item No. 1				27.00	87.56	2364.00
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							
3	KSRB 4-1.3 Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed concrete laid in layers not exceeding 15 cms. thick, well compacted in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P 12/I.4.3)/ PWD SR 2018-19	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	bed concrete		8	1.20	1.20	0.50	5.76		
							5.76	5408.12	31151.00
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Grand Total	5408.12							
4	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 271 Ite mo 37.59.2 SR 2018-19	Cum							
	concrete for holding pipe		8	0.50	0.50	1.40	2.80		
							2.80	7070.20	19797.00
	Basic Rate	6670.00							
	Area Weightage 6%	400.20							
	Grand Total	7070.20							
5	2.0 Mega Pixel high definition upto 60 Mtr IR Night Vision CCTV Camara - EXIR with SD Card Provision	Nos							
			21				21.00		
	Quatation approved Rates	9750.00					21.00	9750.00	204750.00
7	32 Channel NVR (NVR Defult Wihout HDD) with 2SATA H264 compression	Nos							
			3				3.00		
	Quatation approved Rates	38000.00					3.00	38000.00	114000.00
8	4TB Harddisk (Surveillance)	Nos							
			4				4.00		
	Quatation approved Rates	13000.00					4.00	13000.00	52000.00
9	6 pin Spike Pin	Nos							
			90				90.00		
	Quatation approved Rates	590.00					90.00	590.00	53100.00
10	outdoor supportable CAD6/CAD5 Cable / Power cable FRLS	Mtrs							
			357				357.00		
	Quatation approved Rates	140.00					357.00	140.00	49980.00
11	HDMI Patch Cable -for connectivity	Mtrs							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			6				6.00		
							6.00	550.00	3300.00
	Quatation approved Rates	550.00							
12	6 U Rack with SS Lock & Key.	Mtrs							
			9				9.00		
							9.00	5400.00	48600.00
	Quatation approved Rates	5400.00							
13	12V/2.5A Adopter.	Nos							
			24				24.00		
							24.00	285.00	6840.00
	Quatation approved Rates	285.00							
14	Circuit Breaker for CCTV protection	Nos							
			12				12.00		
							12.00	252.00	3024.00
	Quatation approved Rates	252.00							
15	3 pin socket	Nos							
			24				24.00		
							24.00	100.00	2400.00
	Quatation approved Rates	100.00							
16	Hardware items and fixing charges	Nos							
			24				24.00		
							24.00	480.00	11520.00
	Quatation approved Rates	480.00							
17	40" LED TV Reputed make	Nos							
			1				1.00		
							1.00	45000.00	45000.00
	Quatation approved Rates	45000.00							
18	UPS - 2 Hours Backup	Nos							
			1				1.00		
							1.00	8704.00	8704.00
	Quatation approved Rates	8704.00							
19	Battery -2 Hours Backup	Nos							
			1				1.00		
							1.00	10776.00	10776.00
	Quatation approved Rates	10776.00							
20	5 port switch	Nos							
			10				10.00		
							10.00	575.00	5750.00
	Quatation approved Rates	575.00							
21	CPU - i3 processor-450MHz,8GB RAM,250GB Hard DISK Full Core	Nos							
			1				1.00		
							1.00	41564.00	41564.00
	Quatation approved Rates	41564.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Outdoor supportable CAD6/CAD5 cable-cabling, laying charges	Mtrs							
			357				357.00		
	Quatation approved Rates	140.00					357.00	140.00	49980.00
23	Installation charges for camars and NVR(4-1)	Mtrs							
			24				24.00		
	Quatation approved Rates	2950.00					24.00	2950.00	70800.00
24	IP configuration	Mtrs							
			36				36.00		
	Quatation approved Rates	500.00					36.00	500.00	18000.00
25	Maintenance Uplink of CCTV Camaras	Mtrs							
			24				24.00		
	Quatation approved Rates	145.00					24.00	145.00	3480.00
								Sub Total	860601.00
26	KRIDL Service charges 4%								34424.04
27	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								103272.12
28	Miscellaneous charges								1703.00
								Total	1000000.00

(Rupees Ten lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lakh
Ten Lakh only
—
is accorded under head P. 3110
Register E No. ..... Subject
to condi... ntained in enclosed memo
No. EE/AM/78/18-19 Dt. 2-3-19

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TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakh
Rupees Ten Lakh only
—
Under P. 3110
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt. ..... Estimate A/ Sanctioned
EE/TS/10/18-19 No.
Dated 2-3-19 Rs. 10.00